

Converting Colors

CIELCh(41, 24.988, 237.537)

Have a look what the booklet for
CIELCh(41, 24.988, 237.537)
contains.

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Color

CIELCh(41, 25.143, 238.818)

Conversions

Conversions Part 1

Format	Color
Hex	1C6883
RGB	28, 104, 131
RGB Percent	11%, 41%, 51%
CMY	0.8917, 0.5907, 0.4848
CMYK	0.79, 0.21, 0.00, 0.48
HSL	196°, 65%, 31%
HSV	196°, 79%, 52%
XYZ	9.5776, 11.8645, 23.3933
YIQ	84.3540, -53.9630, -7.7150

Conversions

Conversions Part 2

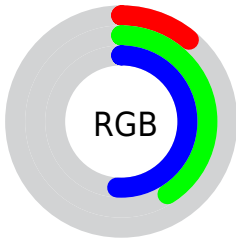
Format	Color
R_{YB}	28, 72, 131
Decimal	1861763
CIE _{Lab}	41.00, -13.02, -21.51
CIE _{LCh}	41, 25.143, 238.818
Yxy	11.8645, 0.2136, 0.2646
Android (android.graphics.Color)	4280051843 (0xFF1C6883)
YUV	84.3540, 22.9965, -49.4225
Hunter-Lab	34.4449, -10.6455, -16.1555

Details

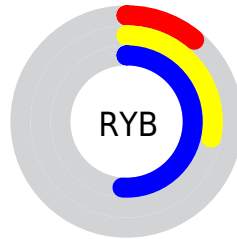
The CIELCh color **41, 25.143, 238.818** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **33, 45.044, 45.895**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 25.085, 239.104**, and **22, 20.436, 250.662** is the 20% darker color. If you saturate the color by 10%, you get **40, 26.642, 242.434**, and if you desaturate by 10%, it is **42, 23.253, 235.835**.

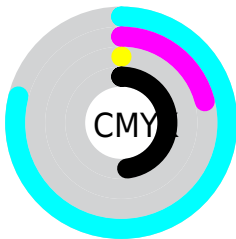
Distribution



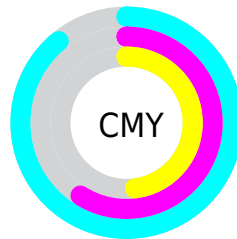
- Red (11%)
- Green (41%)
- Blue (51%)



- Red (11%)
- Yellow (28%)
- Blue (51%)



- Cyan (79%)
- Magenta (21%)
- Yellow (0%)
- Black (48%)





- Cyan (89%)
- Magenta (59%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 25.143, 238.818 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 41, 25.143, 238.818 by changing the saturation by 10% instead.


 41, 25.143,
238.818


 41, 25.143,
238.818


 100, 25.143,
238.818


 31, 25.143,
238.818

 61, 25.143,
238.818


 21, 25.143,
238.818

 71, 25.143,
238.818

 11, 25.143,
238.818


 81, 25.143,
238.818

 1, 25.143, 238.818

 91, 25.143,
238.818

 0, 25.143, 238.818

 41, 25.143,

 41, 25.143,

238.818

238.818

■ 40, 26.642,
242.434

■ 42, 23.253,
235.835

■ 38, 27.927,
246.482

■ 44, 20.938,
233.425

■ 38, 28.063,
246.878

■ 46, 18.199,
231.505

■ 47, 15.066,
229.995

■ 49, 11.584,
228.818

■ 51, 7.806, 227.916

■ 53, 3.784, 227.261

■ 55, 0.432, 45.730

■ 57, 4.799, 46.132

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41, 25.143, 238.818



33, 45.044, 45.895

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41, 25.143, 238.818



41, 25.143, 288.818



41, 25.143, 58.818



41, 25.143, 108.818

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41, 25.142, 238.818



64, 12.045, 228.387



48, 56.735, 143.789



33, 8.265, 228.680



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41, 25.142, 238.818



50, 33.495, 245.866



25, 50.764, 293.422



27, 2.392, 227.269



38, 27.849, 246.827



0, 0.584, 226.685

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



31, 53.987, 338.926



39, 69.840, 341.222



46, 44.781, 87.337



26, 4.395, 333.272



28, 57.806, 341.549



0, 1.045, 332.727

Previews

White Background



This preview shows how the CIE LCh color 41, 25.143, 238.818 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 41, 25.143, 238.818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

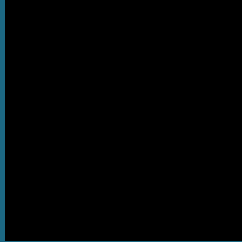
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 25.143, 238.818

Background



This preview shows how black text looks on a background with the CIELCh color 41, 25.143, 238.818.



This preview shows how white text looks on a background with the CIELCh color 41, 25.143, 238.818.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41, 25.049, 239.015

Protanopia

41, 18.292, 286.069

Deuteranopia

41, 23.247, 284.251



Tritanopia
41, 25.516, 209.195

Trichromacy



Original Color
41, 25.049, 239.015

Protanomaly
40, 19.947, 261.761

Deuteranomaly
40, 22.917, 264.209

Tritanomaly
41, 24.857, 220.288

Monochromacy



Original Color
41, 25.049, 239.015

Achromatopsia
36, 0.005, 296.813

Achromatomaly
37, 11.813, 230.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 25.143, 238.818 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(28, 104, 131)` looks like.

```
.text, #text, p{  
    color:rgb(28, 104, 131)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(28, 104, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 104, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 25.143, 238.818 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(28, 104, 131) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(28, 104, 131) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(28, 104, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 104, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 104, 131);  
box-shadow:4px 4px 4px 4px rgb(28, 104,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 25.143, 238.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 104, 131) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(28, 104,  
131) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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